

WATERSHED NAME & CODE		TURKEY RIVER - 07060004				LANDUSE ACRES		156,033	
LANDUSE TYPE		WOODLAND				TYPICAL UNIT SIZE ACRES		27	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		18%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Fish and Wildlife – Inadequate Cover/Shelter	Fish and Wildlife – Habitat Fragmentation
Baseline System		System Rating ->				0	0	0	0
Total Acreage at Baseline Level		97,833	78,951	0	78,951				
No Conservation Practices being applied at this level		0	0	0	0	0	0	0	0
Progressive System		System Rating ->				4	3	2	2
Total Acreage at Progressive Level		43,221	36,911	13,110	50,020				
Forest Stand Improvement (ac.) 666		3,285	2,805	996	3,802	5	4	3	2
Use Exclusion (ac.) 472		5,748	4,909	1,744	6,653	4	4	3	3
Resource Management System (RMS)		System Rating ->				5	5	5	4
Total Acreage at RMS Level		14,979	14,979	12,082	27,062				
Conservation Crop Rotation (ac.) 328		126	126	101	227	4	3	2	2
Fence (ft.) 382		1,040,886	1,040,886	839,594	1,880,479	2	1	2	-2
Forest Stand Improvement (ac.) 666		10,351	10,830	7,869	18,700	5	4	3	2
Grade Stabilization Structure (no.) 410		61	61	49	110	0	0	0	0
Nutrient Management (ac.) 590		126	126	101	227	3	2	1	0
Pest Management (ac.) 595		126	126	101	227	5	5	3	0
Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329		126	126	101	227	0	0	2	0
Riparian Forest Buffer (ac.) 391		734	734	592	1,326	5	4	5	4
Tree/Shrub Establishment (ac.) 612		374	374	302	677	5	4	4	4
Upland Wildlife Habitat Management (ac.) 645		3,760	3,760	3,033	6,792	4	4	5	4
Use Exclusion (ac.) 472		14,185	15,025	10,603	25,627	4	4	3	3
CONSERVATION INVESTMENT INFORMATION									
		FUTURE	USDA INVESTMENT			PRIVATE INVESTMENT			
CONSERVATION SYSTEMS BY TREATMENT LEVELS		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		13109.58059							
Forest Stand Improvement (ac.) 666		996	\$60,776	\$0	\$12,155	\$72,931	\$60,776	\$3,647	\$77,476
Use Exclusion (ac.) 472		1,744	\$34,871	\$0	\$6,974	\$41,846	\$34,871	\$2,092	\$44,454
		Subtotal	\$95,648	\$0	\$19,130	\$114,777	\$95,648	\$5,739	\$121,930
Resource Management System (RMS) Acres Treated		12082.41536							
Conservation Crop Rotation (ac.) 328		101	\$0	\$19,182	\$3,836	\$21,923	\$0	\$6,394	\$11,197
Fence (ft.) 382		839,594	\$780,822	\$0	\$156,164	\$936,986	\$780,822	\$31,233	\$923,860
Forest Stand Improvement (ac.) 666		7,869	\$480,031	\$0	\$96,006	\$576,038	\$480,031	\$28,802	\$611,936
Grade Stabilization Structure (no.) 410		49	\$371,646	\$0	\$74,329	\$445,975	\$371,646	\$7,433	\$405,687
Nutrient Management (ac.) 590		101	\$0	\$3,958	\$792	\$4,524	\$0	\$1,319	\$2,310
Pest Management (ac.) 595		101	\$0	\$1,218	\$244	\$1,392	\$0	\$406	\$711
Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329		101	\$0	\$3,045	\$609	\$3,480	\$0	\$1,015	\$1,777
Riparian Forest Buffer (ac.) 391		592	\$187,676	\$0	\$37,535	\$225,211	\$187,676	\$11,261	\$239,246
Tree/Shrub Establishment (ac.) 612		302	\$86,087	\$0	\$17,217	\$103,305	\$86,087	\$1,722	\$93,972
Upland Wildlife Habitat Management (ac.) 645		3,033	\$0	\$90,981	\$18,196	\$103,979	\$0	\$30,327	\$53,105
Use Exclusion (ac.) 472		10,603	\$212,056	\$0	\$42,411	\$254,467	\$212,056	\$12,723	\$270,325
		Subtotal	\$2,118,319	\$118,384	\$447,340	\$2,677,279	\$2,118,319	\$132,635	\$2,614,125
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		25191.99595	\$2,213,966	\$118,384	\$466,470	\$2,792,056	\$2,213,966	\$138,373	\$2,736,055

*Note: Estimates for Matrices are for general planning purposes only and not based on actual funding.*